



MISSION:

To make Tempe the best place to live, work and play.

VALUES:

People... Integrity... Respect... Openness... Creativity... Quality...

PRINCIPAL INFRASTRUCTURE ENGINEERING PLANNER

Purpose:

To actively support and uphold the City's stated mission and values. To consult with and advise Water Utilities Department management and City management regarding highly technical engineering and planning matters related to the maintenance and development of the City's water utilities infrastructure. To organize and manage programs and projects directly or in an advisory role in such areas as infrastructure management, distribution and collection systems modeling and computer mapping with Water Utilities Department professional and technical staff, and also with developers and contractors. To coordinate water infrastructure planning activities with other divisions and departments; and to provide staff assistance to the Deputy Water Utilities Manager - Operations.

Supervision Received and Exercised:

Receives direction from the Deputy Water Utilities Manager - Operations or from other management staff.

May exercise technical supervision over professional and technical staff.

Examples of Duties:

This class specification is intended to indicate the basic nature of positions allocated to the class and examples of typical duties that may be assigned. It does not imply that all positions within the class perform all of the duties listed, nor does it necessarily list all possible duties that may be assigned.

Duties may include, but are not limited to, the following:

- Evaluate water engineering operations and planning activities and review the work of staff involved in engineering design, infrastructure management, private development, and computer mapping activities; recommend improvements and modifications.

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Infrastructure Planning Engineer (continued)

- Determine and/or review the scope of all capital improvement and other engineering projects; review plans of consulting engineers and private contractors; make technical engineering decisions and establish technical criteria and standards.
- Analyze, develop and present recommendations on complex water infrastructure planning and development proposals; provide technical expertise in the formulation of recommendations and review development applications and plans; participate in the development and implementation of goals, objectives, policies, and priorities related to the Water Utilities Department - Operations Division.
- Assist the Water Utilities Department – Water Quality Specialist in management of the Municipal Separate Storm Sewer System (MS4) to achieve compliance objectives of the National Pollutant Discharge Elimination System (NPDES) MS4 permit.
- Develop and prepare or supervise the performance of professional staff or outside consultants in the preparation of technical and/or specialized planning reports related to water infrastructure matters, including flow studies and other field studies; advise the City Council and Planning and Zoning Commission on water infrastructure related matters.
- Perform system modeling studies of the distribution and collection infrastructure, (water, wastewater and storm-water). Maintain and develop databases for water infrastructure system models; prepare or supervise preparation of programs to meet the future water infrastructure needs of the community.
- Present information and recommendations on projects, including documents of a specialized nature, in presentations before private groups and organizations and other governmental agencies; answer complex, technical questions and provide information to the public; investigate complaints and recommend corrective action as necessary to resolve complaints.
- Confer with engineers, developers, architects, and a variety of agencies and city planning staff in acquiring information and coordinating planning, modeling and preliminary designs of water infrastructure. Assist Water Utilities Department Deputy Manager - Operations in prioritizing water infrastructure improvement and maintenance.
- Perform related duties as assigned.

Experience and Training Guidelines:

Any combination of experience and training that would likely provide the required knowledge and abilities is qualifying. A typical way to obtain the knowledge and abilities would be:

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Infrastructure Planning Engineer (continued)

Experience:

Five years of increasingly responsible professional civil engineering experience with a water utility including three years of project management responsibility required. Experience with one or more of the following is preferred: water infrastructure systems, hydraulics and distribution and collection system modeling, extended period simulation and water quality modeling.

Training:

Equivalent to a Bachelor's degree from an accredited college or university with major course work in civil engineering or a directly related field.

Licenses/Certifications:

May require the possession of, or ability to obtain an appropriate, valid Arizona driver's license.

Possession of a Certificate of Registration as a professional civil engineer in the State of Arizona is required.

This position is included in the City's classified service, pursuant to City of Tempe Personnel Rules and Regulations, Rule 1, Section 104.

Job Code: 6103

Salary Range: 42

Compensation Plan: P40 / Regular

FLSA: Exempt